

RELIABLE CONTROLS

RC-Hospitality Validated Integration with Oracle Hospitality OPERA 5.5



Reliable Controls Corporation
120 Hallowell Road
Victoria, BC V9A 7K2
Tel.: 250.475.2036
reliablecontrols.com

Integrate energy efficiency with property management

Save energy by empowering your front desk property management system (PMS) to automatically assign comfort levels upon guest check in using RC-Hospitality, the simple, flexible, and sustainable guest-room and property management integration solution from Reliable Controls.

Company Overview

Reliable Controls provides simple, flexible, and sustainable controls that balance the comfort, efficiency, and greenhouse gas reductions of commercial buildings all around the world. Through its actions, and through the quality of its products and services, Reliable Controls has earned the reputation and brand recognition of having the most satisfied customers in the building automation industry.

Integration Overview

RC-Hospitality automatically assigns the HVAC and lighting occupancy settings for any room upon guest check in, enabling Reliable Controls' MACH-System to improve guest room comfort and operational efficiency, while delivering analytics for the entire property. With RC-Hospitality and the MACH-System, your hotel can easily integrate guest room control, save energy, and demonstrate greenhouse gas reductions.

Oracle Hospitality OPERA PMS can send a message to RC-Hospitality that indicates whether a given room is vacant or occupied. RC-Hospitality periodically transmits this occupancy status to the MACH-System controllers for the room. Up to 2000 rooms can be configured.



Oracle Hospitality

Oracle Validated Integration provides customers with confidence that a partner's integration with an Oracle on-premises application is functionally sound and performs as designed. This can help customers reduce deployment risk, lower total cost of ownership, and improve the user experience related to the partner's integrated offering.

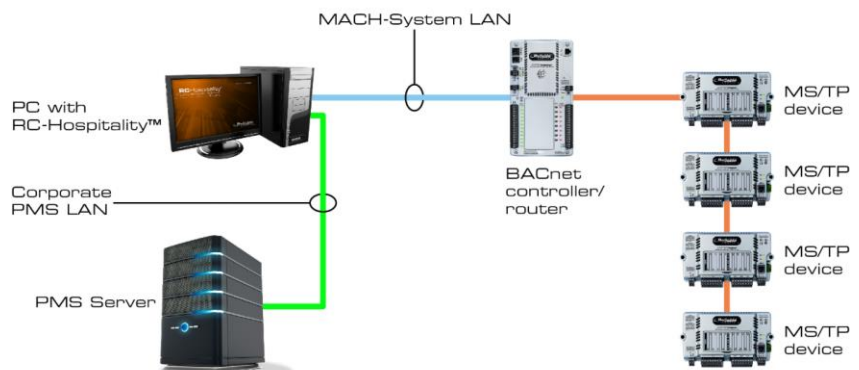


Figure 1. High-level integration architecture

AVAILABILITY

Reliable Controls' dealers offer complete system design, installation, commissioning, and technical support services.

Locate an authorized dealer:
reliablecontrols.com/sales/

Reliable Controls Corporation
120 Hallowell Road
Victoria, BC, V9A 7K2
Tel.: 250.475.2036
E-mail: info@reliablecontrols.com
reliablecontrols.com

SUPPORT

Phone: 1.877.475.9301
reliablecontrols.com/support/

Integration Details

RC-Hospitality communicates with the Oracle Hospitality OPERA hotel property interface (IFC8) using the Fidelio Interface Application Specification (FIAS) protocol.

BACnet object properties are used to refer to information within one or more BACnet devices, as well as to issue commands to BACnet devices to perform certain actions, such as setting a room to be occupied.

Every BACnet object property includes:

- **Device instance:** Identifies the BACnet device containing the object
- **Object identifier:** Specifies the object within the device
- **Property identifier:** Specifies the desired property of the object

By default, the written values are:

- **0:** vacant
- **1:** occupied

Technical Details

Environment	
Partner Environment	Oracle Environment
<ul style="list-style-type: none"> • RC-Hospitality 1.0 	<ul style="list-style-type: none"> • Oracle Hospitality OPERA 5.5 • Oracle Hospitality Interface IFC8 8.10.2.20 • FIAS 2.20.23
Product ID	
Product ID (FKT)	Description and Name
<ul style="list-style-type: none"> • IFC_BMS 	<ul style="list-style-type: none"> • Oracle Hospitality OPERA BMS interface for RC-Hospitality by Reliable Controls Corporation
Supported Protocol	
<ul style="list-style-type: none"> • FIAS via TCP/IP 	